

Title (en)
Differential oscillator

Title (de)
DIFFERENZOSZILLATOR

Title (fr)
Oscillateur différentiel

Publication
EP 1566882 A1 20050824 (EN)

Application
EP 05250544 A 20050201

Priority
GB 0403609 A 20040218

Abstract (en)
A differential oscillator circuit, including an oscillator having a first side and a second side and bias circuitry for applying a bias voltage to the first and second sides of the oscillator wherein the bias circuitry is arranged such that, upon start-up, the bias voltage is not applied to the second side of the oscillator until after the first side of the oscillator by a delay period. <IMAGE>

IPC 1-7
H03B 5/06; **H03B 5/12**

IPC 8 full level
H03B 5/06 (2006.01); **H03B 5/32** (2006.01); **H03B 5/12** (2006.01); **H03B 5/36** (2006.01); **H03L 3/00** (2006.01)

CPC (source: EP US)
H03B 5/1218 (2013.01 - EP US); **H03B 5/1231** (2013.01 - EP US); **H03L 3/00** (2013.01 - EP US); **H03B 2200/0038** (2013.01 - EP US)

Citation (search report)
[A] KRAL A ET AL: "RF-CMOS oscillators with switched tuning", 11 May 1998, CUSTOM INTEGRATED CIRCUITS CONFERENCE, 1998. PROCEEDINGS OF THE IEEE 1998 SANTA CLARA, CA, USA 11-14 MAY 1998, NEW YORK, NY, USA, IEEE, US, PAGE(S) 555-558, ISBN: 0-7803-4292-5, XP010293959

Designated contracting state (EPC)
DE FR GB

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DOCDB simple family (application)
EP 05250544 A 20050201; GB 0403609 A 20040218; JP 2005042760 A 20050218; US 5985505 A 20050217